

Clark County Department of Environmental Services

Presentations and Workshops

A directory of outreach services
for you, your business, and your
organization



Why should I compost?

How can I be a **green** business?

How **healthy** is my **stream**?

Legacy Lands presentations

Where do I take **construction** waste?

*What's the fuss about **natural** gardening?*

Green **Business** outreach

What **can I do on** my **land**?

*What is this **weed**?*

Watershed **Stewards** volunteers

Questions? We've got answers!

Clark County Environmental Services offers presentations, workshops and other opportunities for you to learn more about what's happening in our environmental community, what you can do, and how to get information to answer the questions you have.



Small Acreage workshops

Master **Composter/Recycler** training

Clean Water presentations

What does **Sustainable** mean?

What goes in my recycle bin?

How can I **Volunteer**?

About the presentations & workshops

The general age appropriateness and length is listed with each presentation, however, most can be adapted for other audiences or for shorter or longer durations.

We request a minimum of 10 people for most presentations, unless otherwise indicated in the description.

Please call at least two weeks prior to the event to check availability and schedule. Early scheduling is appreciated.

Workshops and trainings are offered throughout the year. Sign up to receive notices about workshops and other events at www.clark.wa.gov/environment (scroll to the very bottom of the page where you will find “sign up for newsletters”).

For more information, call Environmental Services at (360) 397-2121 or the contact listed for each presentation.

If you need assistance, contact the Clark County ADA Office: Voice (360) 397-2322; Relay 711 or (800) 833-6388; E-mail ADA@clark.wa.gov.



Our Watersheds

The Health of Our Streams - what's it all mean?

Adults; students age 12 and up ■ Minimum 10 ■ Time: 20-40 minutes

Healthy streams make healthy communities. So, how healthy are our streams and lakes? Learn what scientists know about our streams, how they know it, and what that means.

Presented by natural resource experts, this presentation can be adapted for a general or a technical audience.

To schedule: call (360) 397-2121 ext. 4345 or e-mail cleanwater@clark.wa.gov

Legacy Lands Program

Adult ■ Minimum 10 ■ Time: 20-40 minutes

Learn how Clark County's Legacy Lands Program acquires and protects the county's conservation lands, which are valuable for habitat, scenic corridors, low-impact recreation, and other qualities that enhance our local environment.

To schedule: call (360) 397-2121 ext. 4345 or e-mail cleanwater@clark.wa.gov



Our Watersheds

Environmental Permitting for Road, Park, & Stormwater Projects in Your Neighborhood

Adults ■ Minimum 10 ■ Time: 45-60 minutes

Hear how the county works to assure that our watershed environment is safeguarded by ensuring requirements for permitting are followed on capital construction projects in Clark County.

Contact: Karen Streeter (360) 397-2121 ext. 4953 or e-mail karen.streeter@clark.wa.gov

A New Bank in Clark County?... wetland mitigation banking, that is...

Adults ■ Minimum 10 ■ Time: 45-60 minutes

Clark County and local companies have some new and innovative techniques to assure wetlands are protected and function as an asset to our stormwater management systems. Learn what it's all about and how wetland mitigation banking benefits our community.

Contact: Karen Streeter (360) 397-2121 ext. 4953 or e-mail karen.streeter@clark.wa.gov



Stormwater...what's it to you

Clean Water Program - At work in your community

Adults ■ Minimum 10 ■ Time: 20-40 minutes

Learn what the Clean Water Program is doing in our community to protect our water resources including stormwater construction, water monitoring, outreach, and technical assistance.

To schedule: call (360) 397-2121 ext. 4345 or e-mail cleanwater@clark.wa.gov

Maintaining Private Stormwater Facilities

Adults ■ Minimum 10 ■ Time: 60 minutes

This presentation is for property owners responsible for maintaining a stormwater facility in their neighborhood or at their business.

Are you or your neighbors responsible for a stormwater facility? Learn why maintenance is required, what you need to do, and how to do it.

To schedule: call (360) 397-2121 ext. 4345 or e-mail cleanwater@clark.wa.gov



In the Schools

Save Organic Scraps

Schools only ■ Call or e-mail for appointment and details

This school-based program covers identifying where things come from and how they are made; how waste is handled and the effect of recycling; use of reusable, non-reusable, and recycled materials for art; and learning about how worms compost.

A tour is available at the West Vancouver Materials Recovery Center as well as an assembly program to educate students about the 4 Rs: reducing, reusing, recycling, and rot; and sustainability.

Contact: Erin Rowland (360) 397-2121 ext. 4830 or e-mail erin.rowland@clark.wa.gov



Plants, Critters & Bugs ... oh my!

Bats in Your Backyard

Age 12 and up ■ Minimum 10 ■ Time: 60 minutes

Bats play a fascinating and important role in our environment. Learn to appreciate how bats impact and improve your life every single day!

Contact: Sally Fisher (360) 397-2121 ext. 4939 or e-mail sally.fisher@clark.wa.gov

Beneficial Insects

Age 12 and up ■ Minimum 10 ■ Time: 60 minutes

What's a good bug...what's a bad bug? Find out about the good, the bad, and the ugly. Learn how insects are helpful and how you can attract them to your garden.

Contact: Sally Fisher (360) 397-2121 ext. 4939 or e-mail sally.fisher@clark.wa.gov

Living with Backyard Wildlife

Age 16 and up ■ Minimum 10 ■ Time: 60 minutes

Deer nibbling on your roses? Rabbits munching away on your petunias? Learn some tips about getting along with the creatures nature sends your way.

Contact: Sally Fisher (360) 397-2121 ext. 4939 or e-mail sally.fisher@clark.wa.gov



Plants, Critters & Bugs ... oh my!

Intro to Natural Gardening

Age 16 and up ■ Minimum 10 ■ Time: 60 minutes

Concerned about the health of your family and pets and battling plant-eating pests? In the world of natural gardening, you can have a beautiful yard without fertilizers and pesticides.

Contact: Sally Fisher (360) 397-2121 ext. 4939 or e-mail sally.fisher@clark.wa.gov

(Ob)noxious Weeds Be Gone!

Adults; students 16 and up ■ Minimum 5 ■ Time: 20-60 minutes

Got weeds? This presentation is for those interested in weed management and control. Learn about weed biology, both aquatic and terrestrial. Get information about weed toxicity to livestock and managing noxious and invasive weeds in your pasture.

Contact: Vegetation Management (360) 397-6140 or e-mail vegetation.management@clark.wa.gov

Canines for Clean Water & Neighbors for Clean Water

Adults ■ Minimum 10 ■ Time: 15-30 minutes

With 109,000+ dogs in Clark County, it's up to every dog owner to take responsibility for their dog's waste. Learn how dog waste affects our waters and our health, and what to do about it.

Contact: Canines Program Coordinator (360) 397-2121 ext. 4352 or e-mail cleanwater@clark.wa.gov



Plants, Critters & Bugs ... oh my!

The Growing Green Program - More trees, please!

Adults ■ Minimum 10 ■ Time: 45-60 minutes

Learn about the Clark County Growing Green reforestation program and how you or your organization can participate and help plant trees.

Contact: Karen Streeter (360) 397-2121 ext. 4953 or e-mail karen.streeter@clark.wa.gov

Introduction to the Endangered Species Act

Adults ■ Minimum 10 ■ Time: 45-60 minutes

Ever wondered how Clark County protects endangered and threatened species in our community? Here's your chance to learn about fish, wildlife, and plants that receive protection through the federal Endangered Species Act and the role the county plays in their protection.

Contact: Karen Streeter (360) 397-2121 ext. 4953 or e-mail karen.streeter@clark.wa.gov

More Natural Gardening Stuff

WSU Clark County Master Gardeners offer talks on all gardening subjects, particularly natural gardening in our case. The list of speakers is available online at <http://clark.wsu.edu/volunteer/mg/SpeakersList-MGpresentations2010.pdf> or call WSU Extension at (360) 397-6060.



Reduce, Reuse, Recycle....

Plastics Recycling Questions and Answers

Adult - age 12 and up ■ Minimum 10 ■ Time: 20-40 minutes

Confused about what goes where? Learn all you wanted to know about plastic recycling - what can be recycled, what is recycled, how, where, and why.

Contact: Rob Guttridge (360) 397-2121 ext. 4344 or e-mail rob.guttridge@clark.wa.gov

The “Big Picture” of Recycling

Adult - age 12 and up ■ Minimum 10 ■ Time: 20-40 minutes

Where do our trash and recyclables go when they “go away”? Learn about resources, energy and how Clark County’s solid waste and recycling system works. It’s fascinating, really!

Contact: Rob Guttridge (360) 397-2121 ext. 4344 or e-mail rob.guttridge@clark.wa.gov



Staying safe ~ reducing your impact

Household Hazardous Waste

Teen to Adult ■ Minimum 25 ■ Time: up to 60 minutes

We don't always think about the products we buy and how to dispose of them when we're done. Most households produce hazardous waste (solvents, cleaners, yard chemicals, paints, etc.) - does yours? This presentation covers the purchasing of products that become household hazardous waste as well as, the proper use, storing, transporting, and disposing of household hazardous waste.

Contact: Jim Mansfield (360) 397-2121 ext. 4016 or e-mail jim.mansfield@clark.wa.gov

For a schedule of free household hazardous waste collection events, go to
www.clark.wa.gov/recycle/waste/index.html



“Sustainable” ..what does it all mean?

Sustainability - What are we doing?

Adults ■ Minimum 10 ■ Time: 45 minutes

Learn about Clark County’s sustainability programs that foster a safe, secure future that conserves natural resources while meeting basic human needs, including clean water, air, and food, along with shelter, education, and employment.

Contact: Peter DuBois, (360) 397-2121 ext. 4961 or e-mail pete.dubois@clark.wa.gov

Sustainable Communities / Living Habitat House

Adults ■ Minimum 10 ■ Time: 45 minutes

“The Living Habitat” house is a partnership between Clark County, a non-profit homebuilder, and community partners. Learn how the project will meet the Living Building Challenge and sustainability goals, such as increased water efficiency, use of renewable energy, and less toxic alternatives to conventional building materials.

Contact: Peter DuBois (360) 397-2121 ext. 4961 or email pete.dubois@clark.wa.gov



From Build Up To Tear Down...

Intro to Green Construction and Remodeling

Adults ■ Minimum 10 ■ Time: 30 minutes + Q&A

This presentation is for anyone who would like to include “green” products in a remodel or new construction. Topics include: materials generated in the construction process; options for reducing waste (deconstruction, salvage, co-mingled recycling); materials that can’t be recycled and why not; what materials to look for; options for handling remaining waste; use of the *Clark County Toolkit* and *Recycling A to Z*; and the availability of professional help.

Contact: Leslie Johnson (360) 397-2121 ext. 4820 or e-mail leslie.johnson@clark.wa.gov

Deconstruction - what to do with all that stuff

Adults ■ Minimum 10 ■ Time: 20-30 minutes + Q&A

What is deconstruction, why do it, and who does it? Where can salvage be taken? This presentation is for anyone who would like information about recycling deconstruction/demolition waste.

Contact: Leslie Johnson (360) 397-2121 ext. 4820 or e-mail leslie.johnson@clark.wa.gov



NEPA and Construction

Fun with the National Environment Policy Act (NEPA)

Adults ■ Minimum 10 ■ Time: 45-60 minutes

Curious why public projects take a long time to develop? Documenting compliance with the federal NEPA is part of the process. This presentation provides a basic overview to the NEPA process, including how you can effectively participate as a community member during the public comment period.

Contact: Karen Streeter (360) 397-2121 ext. 4953 or e-mail karen.streeter@clark.wa.gov

More Fun - Environmental Compliance During Construction

Adults ■ Minimum 10 ■ Time: 45-60 minutes

Clark County takes great pride in ensuring environmental compliance during the construction of our capital improvement projects. Learn more about the requirements for construction and how we meet our long-term commitments for environmental stewardship.

Contact: Karen Streeter (360) 397-2121 ext. 4953 or e-mail karen.streeter@clark.wa.gov



For Businesses & Organizations

Green Businesses

Business groups only ■ Minimum 5 ■ Time: 50 minutes

Learn how to set up a green team at your business and get on the road to improved efficiency at work in areas of stormwater management, recycling and waste reduction, water use and waste water, purchasing and toxic reduction, energy, and community engagement. The program overview includes a tour of the Clark County's Green business web site.

Call for an appointment to discuss your particular situation.

Contact: Bob Patterson (360) 397-2121 ext. 7812 or e-mail bob.a.paterson@clark.wa.gov



Want more? Workshops & Trainings

Watershed Stewards Program

Adults ■ Call or e-mail for details

Interested in volunteering? Want to learn more about the environment? Watershed Stewards volunteers receive training in a variety of topics from watershed protection to water quality monitoring. In return, the Stewards perform outreach and education in the community, expanding and enhancing Clark County's environmental outreach efforts.

Adult audience. Training is offered twice a year in the spring and fall.

Workshops offered by the Watershed Stewards Program vary but generally include topics such as green cleaning, building rain barrels and rain gardens, installing permeable pavers, and green car care, to name just a few.

Presentations about the Watershed Stewards Program and volunteer opportunities may also be scheduled.

For information on upcoming workshops and training, contact Jen Naas, (360) 397-6060 ext. 5712, e-mail jen.naas@clark.wa.gov, or go to www.clark.wa.gov/water-resources/education/stewards.html

The Watershed Stewards Program is offered through our partner in environmental education, WSU Clark County Extension, with funding from Clark County Environmental Services.



Workshops & Trainings

Small Acreage Program - Living on the Land

Adults ■ Call or e-mail for details

Got acreage? The Small Acreage Program offers *Living on the Land*, an in-depth 12-week course held one night a week each fall. Participants learn how they can improve their property while managing issues such as mud and manure, fencing and pasture management, and other topics unique to rural properties.

Workshops offered by the Small Acreage Program vary but generally include topics such as mud and manure management, pasture management, and sustainable small acreage living.

The program also offers model farm tours and hosts a Small Acreage Expo each year.

For information on upcoming workshops and training contact Matt Vesh (360) 397-6060 ext. 5729, e-mail matt.vesh@clark.wa.gov , or go to www.clark.wa.gov/water-resources/education/acreage.html

The Small Acreage Program is offered through our partner in environmental education, WSU Clark County Extension, with funding from Clark County Environmental Services.



Workshops & Trainings

Master Composter/Recycler Program

Adults ages 16 up ■ Minimum 10 ■ Call or e-mail for details

When is waste not wasted? Get inspired while you get educated about backyard composting and organic waste diversion methods, waste reduction, and recycling.

Workshops offered by the Master Composter/Recycler Program:

Backyard Composting Workshop - Learn the basics of backyard composting and recycle your yard waste in your own garden. Free.

Wormshops - Build your own worm bin and learn how to compost your food scraps at home. Fee for materials.

Lasagna Gardening - Learn to create a garden space and create healthy soil at the same time. Free.

Contact: Jo Anne Dolan, (360) 882-0936 ext. 224, or visit www.columbiasprings.org/mcr/index.html

The Master Composter/Recycler Program is offered through our partner in environmental education, Columbia Springs Environmental Education Center, with funding from Clark County Environmental Services.



Other Resources

The following presentations are offered by Waste Connections in partnership with Clark County Environmental Services.

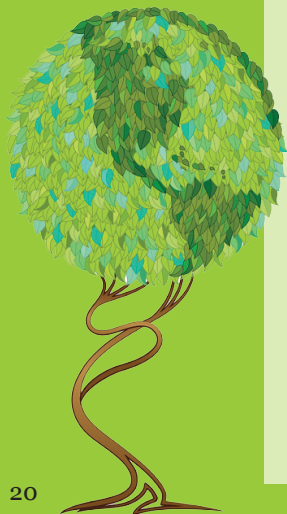
To schedule, contact Stacey Donovan (360) 448-6968 or e-mail staceyd@wasteconnections.com

Online Tools for Waste Reduction

A fascinating tour of various online sites/groups to help you reduce waste in your life. Learn how to use the internet to help you find homes for unwanted items in your life. Using social media to connect with other environmentally conscious ideas and individuals is also covered. 45 to 60 minutes.

Biodegradable Plastics – Selecting the proper Waste Stream

Learn how to decipher between a bioplastic and a petroleum-based plastic. Find out which one is better for the planet and how to handle it once it becomes waste. 45 minutes.



Other Resources

The following presentations are offered by Waste Connections in partnership with Clark County Environmental Services.

To schedule, contact Stacey Donovan (360) 448-6968 or e-mail staceyd@wasteconnections.com

Plastics! Past, Present, Future

Find out what those little numbers inside the chasing arrows symbols on plastic goods means and find out which plastics are recyclable and which aren't. This presentation will help you understand some of the reasons that some plastics are very difficult to recycle. 30 to 45 minutes.

Rethinking Throw Away

A fun and fast-paced lesson that will cue you in to how waste is managed in our area, while informing you of just how much we throw away. Did you know the average American throws away 1,606 pounds of waste in one year? Learn about this and other facts that will help motivate you and others to reduce waste, save money, and take good care of our Earth. 45 to 60 minutes.



Other Resources

The following presentations are offered by Waste Connections in partnership with Clark County Environmental Services.

To schedule, contact Stacey Donovan (360) 448-6968 or e-mail staceyd@wasteconnections.com

Business Recycling in Clark County

This presentation covers business recycling options. 30 to 45 minutes.

Keeping it Clean- Business Food Waste Collection in Clark County

Outlines steps taken to reduce contaminants in the food waste stream generated by businesses in Clark County. 30 to 45 minutes.

Landfill – Holy Hole In The Ground

Learn the ins and outs of a landfill. What it takes to keep them operating and why humans play a key role in extending their lifecycle. 30 to 45 minutes.



Environmental Services....it's what we do

The Department of Environmental Services combines programs involved in managing natural resources and protecting the environment. These include county activities related to stormwater, solid waste, endangered species, vegetation management, conservation lands, and environmental permitting of the county's future capital improvements.

Functions of the department include:

- Protection of critical areas and resource lands while accommodating growth in urban and rural areas of the county
- Solid waste reduction, recycling collection and reuse of materials, collection and safe disposal of hazardous waste
- Management of stormwater for water quantity and water quality to protect surface and ground water
- Control of noxious and nuisance weeds
- Preservation of open space, including important fish and wildlife habitat, farm and forest land
- Permitting of infrastructure, including transportation facilities, public parks, and trails, in an environmentally responsible way
- Protection of endangered species and coordination of the county's designated recovery actions
- Management of county owned lands and resources to benefit both the public and ecological stability within the county



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Voice (360) 397-2322; Relay 711 or (800) 833-6388; E-mail ADA@clark.wa.gov.**



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